



**NSAI**  
Standards

Irish Standard  
I.S. EN 15804:2012+A1:2013

# Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products

**I.S. EN 15804:2012+A1:2013**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

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## Correction Notice

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**Title:** Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products

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Brussels, 2014-01-29

**please include the following minor editorial correction(s) in the document related to:**

the following language version(s) :

- ☒ English
- ☐ French
- ☐ German

for the following procedure :

- ☐ PQ/UQ
- ☐ Enquiry
- ☐ 2nd Enquiry
- ☐ Parallel Enquiry
- ☐ 2<sup>nd</sup> Parallel Enquiry
- ☐ Formal Vote
- ☐ 2<sup>nd</sup> Formal Vote
- ☐ Parallel Formal Vote
- ☐ 2<sup>nd</sup> Parallel Formal Vote
- ☐ UAP
- ☐ TC Approval
- ☐ 2<sup>nd</sup> TC Approval
- ☒ Publication
- ☐ Parallel Publication

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It has been brought to our attention that this document, issued on 2013/11/IIII, requires one modification in order to align it with the UAP text.

In Table C.5, the characterization factor for sulphur hexafluoride  $2,28^E+0,4$  has to be rounded up and replaced with  $2,3^E+0,4$ .

Please find enclosed the updated English version.

We apologise for any inconvenience this may cause.

DEL/FO004 (April 2013)

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 15804:2012+A1**

November 2013

ICS 91.010.99

Supersedes EN 15804:2012

English Version

**Sustainability of construction works - Environmental product  
declarations - Core rules for the product category of construction  
products**

Contribution des ouvrages de construction au  
développement durable - Déclarations environnementales  
sur les produits - Règles régissant les catégories de  
produits de construction

Nachhaltigkeit von Bauwerken -  
Umweltproduktdeklarationen - Grundregeln für die  
Produktkategorie Bauprodukte

This European Standard was approved by CEN on 13 November 2011 and includes Amendment 1 approved by CEN on 10 September 2013.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Contents

Page

Foreword.....	4
Introduction .....	5
1 Scope .....	6
2 Normative references .....	6
3 Terms and definitions .....	7
4 Abbreviations .....	11
5 General aspects .....	12
5.1 Objective of the Core PCR .....	12
5.2 Types of EPD with respect to life cycle stages covered .....	12
5.3 Comparability of EPD for construction products .....	15
5.4 Additional information .....	15
5.5 Ownership, responsibility and liability for the EPD .....	16
5.6 Communication formats .....	16
6 Product Category Rules for LCA.....	16
6.1 Product category .....	16
6.2 Life cycle stages and their information modules to be included .....	16
6.2.1 General.....	16
6.2.2 A1-A3, Product stage, information modules.....	16
6.2.3 A4-A5, Construction process stage, information modules.....	16
6.2.4 B1-B5, Use stage, information modules related to the building fabric .....	17
6.2.5 B6-B7, use stage, information modules related to the operation of the building.....	17
6.2.6 C1-C4 End-of-life stage, information modules .....	17
6.2.7 D, Benefits and loads beyond the system boundary, information module .....	17
6.3 Calculation rules for the LCA .....	18
6.3.1 Functional unit .....	18
6.3.2 Declared unit .....	18
6.3.3 Reference service life (RSL) .....	19
6.3.4 System boundaries.....	19
6.3.5 Criteria for the exclusion of inputs and outputs .....	25
6.3.6 Selection of data .....	26
6.3.7 Data quality requirements.....	26
6.3.8 Developing product level scenarios .....	27
6.3.9 Units .....	27
6.4 Inventory analysis.....	28
6.4.1 Collecting data .....	28
6.4.2 Calculation procedures .....	28
6.4.3 Allocation of input flows and output emissions.....	28
6.5 Impact assessment.....	30
7 Content of the EPD .....	30
7.1 Declaration of general information .....	30
7.2 Declaration of environmental parameters derived from LCA .....	32
7.2.1 General.....	32
7.2.2 Rules for declaring LCA information per module .....	32
7.2.3 Parameters describing environmental impacts.....	32
7.2.4 Parameters describing resource use.....	33
7.2.5 Other environmental information describing different waste categories and output flows.....	34
7.3 Scenarios and additional technical information.....	35
7.3.1 General.....	35

<b>7.3.2</b>	<b>Construction process stage .....</b>	<b>36</b>
<b>7.3.3</b>	<b>B1-B7 use stage.....</b>	<b>37</b>
<b>7.3.4</b>	<b>End-of-life .....</b>	<b>40</b>
<b>7.4</b>	<b>Additional information on release of dangerous substances to indoor air, soil and water during the use stage .....</b>	<b>41</b>
<b>7.4.1</b>	<b>Indoor air .....</b>	<b>41</b>
<b>7.4.2</b>	<b>Soil and water .....</b>	<b>41</b>
<b>7.5</b>	<b>Aggregation of information modules .....</b>	<b>41</b>
<b>8</b>	<b>Project report .....</b>	<b>41</b>
<b>8.1</b>	<b>General .....</b>	<b>41</b>
<b>8.2</b>	<b>LCA-related elements of the project report .....</b>	<b>42</b>
<b>8.3</b>	<b>Documentation on additional information .....</b>	<b>43</b>
<b>8.4</b>	<b>Data availability for verification .....</b>	<b>43</b>
<b>9</b>	<b>Verification and validity of an EPD .....</b>	<b>44</b>
<b>Annex A</b>	<b>(normative) Requirements and guidance on the reference service life .....</b>	<b>45</b>
<b>Annex B</b>	<b>(informative) Waste .....</b>	<b>48</b>
<b>B.1</b>	<b>End-of-waste .....</b>	<b>48</b>
<b>B.2</b>	<b>Properties of hazardous waste for Table 5.....</b>	<b>48</b>
<b>Annex C</b>	<b>(normative) Characterisation factors for GWP, ODP, AP, EP, POCP and ADP .....</b>	<b>49</b>
<b>Bibliography</b>	<b>.....</b>	<b>65</b>

## **EN 15804:2012+A1:2013 (E)**

### **Foreword**

This document (EN 15804:2012+A1:2013) has been prepared by Technical Committee CEN/TC 350 “Sustainability of construction works”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2014, and conflicting national standards shall be withdrawn at the latest by May 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 15804:2012.

This document includes Amendment 1 approved by CEN on 2013-09-10.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



## Introduction

This European standard provides core product category rules for all construction products and services. It provides a structure to ensure that all Environmental Product Declarations (EPD) of construction products, construction services and construction processes are derived, verified and presented in a harmonised way.

An EPD communicates verifiable, accurate, non-misleading environmental information for products and their applications, thereby supporting scientifically based, fair choices and stimulating the potential for market-driven continuous environmental improvement.

The standardisation process has taken place in accordance with EN ISO 14025. All common issues are covered horizontally for all product types in order to minimise vertical (branch specific) deviations.

EPD information is expressed in information modules, which allow easy organisation and expression of data packages throughout the life cycle of the product. The approach requires that the underlying data should be consistent, reproducible and comparable.

The EPD is expressed in a form that allows aggregation (addition) to provide complete information for buildings. This standard does not deal with aggregation at the building level nor does this standard describe the rules for applying EPD in a building assessment.

The standard deals with a limited number of quantifiable predetermined parameters. Future revisions may incorporate additional predetermined parameters.

This European Standard provides the means for developing a Type III environmental declaration of construction products and is part of a suite of standards that are intended to assess the sustainability of construction works.

This suite of standards includes:

- EN 15643-1, *Sustainability of construction works — Sustainability assessment of buildings — Part 1: General framework*;
- EN 15643-2, *Sustainability of construction works — Assessment of buildings — Part 2: Framework for the assessment of environmental performance*;
- EN 15978, *Sustainability of construction works — Assessment of environmental performance of buildings — Calculation method*;
- CEN/TR 15941, *Sustainability of construction works — Environmental product declarations — Methodology for selection and use of generic data*;
- EN 15942, *Sustainability of construction works — Environmental product declarations — Communication formats: business to business*.

**EN 15804:2012+A1:2013 (E)****1 Scope**

This European standard provides core product category rules (PCR) for Type III environmental declarations for any construction product and construction service.

NOTE The assessment of social and economic performances at product level is not covered by this standard.

The core PCR:

- defines the parameters to be declared and the way in which they are collated and reported,
- describes which stages of a product's life cycle are considered in the EPD and which processes are to be included in the life cycle stages,
- defines rules for the development of scenarios,
- includes the rules for calculating the Life Cycle Inventory and the Life Cycle Impact Assessment underlying the EPD, including the specification of the data quality to be applied,
- includes the rules for reporting predetermined, environmental and health information, that is not covered by LCA for a product, construction process and construction service where necessary,
- defines the conditions under which construction products can be compared based on the information provided by EPD.

For the EPD of construction services the same rules and requirements apply as for the EPD of construction products.

**2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

CEN/TR 15941, *Sustainability of construction works — Environmental product declarations — Methodology for selection and use of generic data*

EN 15942, *Sustainability of construction works — Environmental product declarations — Communication formats: business to business*

EN 15978, *Sustainability of construction works — Assessment of environmental performance of buildings — Calculation method*

EN ISO 14025:2010, *Environmental labels and declarations — Type III environmental declarations — Principles and procedures (ISO 14025:2006)*

EN ISO 14044:2006, *Environmental management — Life cycle assessment — Requirements and guidelines (ISO 14044:2006)*

ISO 15686-1, *Buildings and constructed assets — Service life planning — Part 1: General principles and framework*

ISO 15686-2, *Buildings and constructed assets — Service life planning — Part 2: Service life prediction procedures*

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